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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/803,022	03/12/2001	Leif Einar Aune	3842-8	7351

7590

09/16/2005

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EXAMINER

BACKER, FIRMIN

ART UNIT

PAPER NUMBER

3621

DATE MAILED: 09/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary****Application No.**

09/803,022

**Applicant(s)**

AUNE, LEIF EINAR

**Examiner**

FIRMN BACKER

**Art Unit**

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 11 July 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

***Response to Arguments***

1. Applicant's arguments with respect to claims 1-18 have been considered but are moot in view of the new ground(s) of rejection.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over McConnell et al (U.S. PG Pub No. 2002/0015403) in view of Modarressi et al (U.S. Patent No. 6,667,9714).
4. As per claims 1, 6 and 11, McConnell et al teach a method for assigning unique identifiers for allowing communication between a GPRS system and a RADIUS (Remote Authentication Dial In User Service) server, including connecting one or more external networks to the GPRS system and identifying the each network with an APN (Access Point Name), and assigning to an or each APN external network a gateway address passing an APN-external network authentication request from a GGSN to the RADIUS server, providing from the RADIUS server to the GGSN upon such request a subscriber IP (Internet Protocol) address to be stored in the GGSN (Gateway GPRS Support Node), the subscriber address being unique for the

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respective APN external network defined in the GGSN (*see fig 1, 5, paragraphs 0156-0165*).

McConnell et al fail to teach an inventive concept of using the GGSN for combining the APN gateway address and the subscriber IP address, to form a unique subscriber identifier. However, Modarressi et al teach an inventive concept of combining the APN gateway address and the subscriber IP address, to form a unique subscriber identifier and sending from the GGSN the identifier to the RADIUS server for accounting (*see abstract, column 9 lines 21-40*). Therefore, it would have been obvious to one of ordinary skill in that art at the invention was made to modify the inventive concept of McConnell et al to include an inventive concept of Modarressi et al combining the APN gateway address and the subscriber P address, to form a unique subscriber identifier and sending from the GGSN the identifier to the RADIUS server for accounting because this would have facilitated the establishment of communication in order for the user to interact with the system, thereby provide an improve network address method for network device that use an internet protocol.

5. As per claims 2, 7 and 12, McConnell et al teach a method wherein two or more of the APN to yield different unique APN identifiers to yield different unique APN identifiers (*see fig 1, 5, paragraphs 0156-0165*)

6. As per claims 3, 8 and 13, McConnell et al teach a method wherein two or more subscribers are present in at least one of the networks, each subscriber in a common network being provided with its own subscriber IP address, but same network gateway address

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7. As per claim 4, 5, 9, 10, 14 and 15, McConnell et al teach a method code/ASCII string having as a first element the gateway address of the APN external network in wherein the identifier is a question and as a second element the subscriber IP address appended thereto ((*see fig 1, 5, paragraphs 0156-0165*)).

8. AS per claims 16, 17 and 18, McConnell et al teach a method wherein the unique subscriber identifier is associated with a mobile subscriber and a wireless mobile terminal of the mobile subscriber, and is used for accounting by the RADIUS server (*see fig 1, 5, paragraphs 0156-0165, and claim 5*).

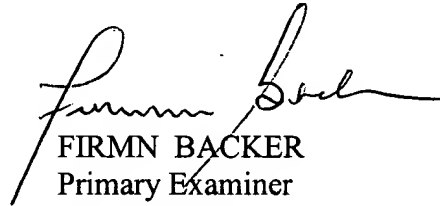
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to FIRMIN BACKER whose telephone number is 571-272-6703. The examiner can normally be reached on Monday - Thursday 9:00 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on (571) 272-6712. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



FIRMIN BACKER  
Primary Examiner  
Art Unit 3621

September 14, 2005